

Listing of Claims

1-10. (Canceled)

11. (Currently Amended) A method of generating a plant having an increased pathogen resistance phenotype comprising identifying a plant that has ~~an allele in its~~ a PPR1 gene allele that encodes a PPR1 polypeptide having a sequence at least 95% identical to SEQ ID NO:3 that results in increased pathogen resistance to *Peronospora parasitica* compared to plants lacking the allele and generating progeny of said identified plant, wherein the generated progeny inherit the allele and have the increased pathogen resistance phenotype.

12. (Original) The method of claim 11 that employs candidate gene/QTL methodology.

13. (Original) The method of claim 11 that employs TILLING methodology.